

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

1-2. (Cancelled)

3. (Previously Presented) The resin substrate having a resin-metal composite layer set forth in claim 6, wherein said resin-metal composite layer is a transparent conductive layer which is 200 nm or less in thickness.

4. (Withdrawn) A method for manufacturing a resin substrate having a resin-metal composite layer at a surface thereof, comprising:

a pretreatment process that a surface of the resin substrate is modified to a modified layer having a polar group, and

an adsorbing process that at least either metal colloids or ions are adsorbed to the polar group by contacting the modified layer with a metal compound solution, whereby metal particles are dispersed into the modified layer.

5. (Withdrawn) A method for manufacturing a resin substrate having a resin-metal composite layer at a surface thereof set forth in claim 4, wherein after said adsorbing process, a metal coating is formed on the surface of said modified layer by electroless plating, thereafter remove said metal coating.

6. (Currently Amended) A resin substrate, comprising: having  
a resin-metal composite layer ~~[[on]]~~ defining a top surface of the resin substrate,  
the resin-metal composite layer comprising reduced metallic particles dispersed in a  
resin matrix and adsorbed to polar groups in the resin matrix,  
wherein the resin-metal composite layer is from 20 to ~~2000~~ 200 nm in thickness;  
and the concentration of the metallic particles is from 20 to 90%(v/v) in the resin-metal  
composite layer.

7. (Currently Amended) The resin substrate ~~having a resin-metal composite-~~  
~~layer~~ set forth in claim 6, wherein the metallic particles comprise metal particles  
selected from ~~[[the]]~~ a group of precious metals.

8. (New) The resin substrate set forth in claim 6, wherein the resin-metal  
composite layer is from 50 to 200 nm in thickness; and the concentration of the metallic  
particles is from 60 to 80 %(v/v) in the resin-metal composite layer.